

Main Variables Affecting a Chemical-Enzymatic Method to Obtain Protein and Amino Acids from Resistant Microalgae

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SUPPLEMENTARY MATERIAL

Electrophoresis SDS-PAGE analysis was performed using the Bio-Rad Miniprotean[®] (Bio-Rad Laboratories, USA) according to the procedure of Laemmli [1]. Aliquots of the extracts were prepared in sample buffer, summited at 100 °C for 3 min, and 20 µl were loaded in the lanes of the gel. The run was performed at 110 V and the gel stained for 2 h in Coomassie blue. Gel de-staining was performed overnight with 15:3:2 water: methanol: acetic acid.

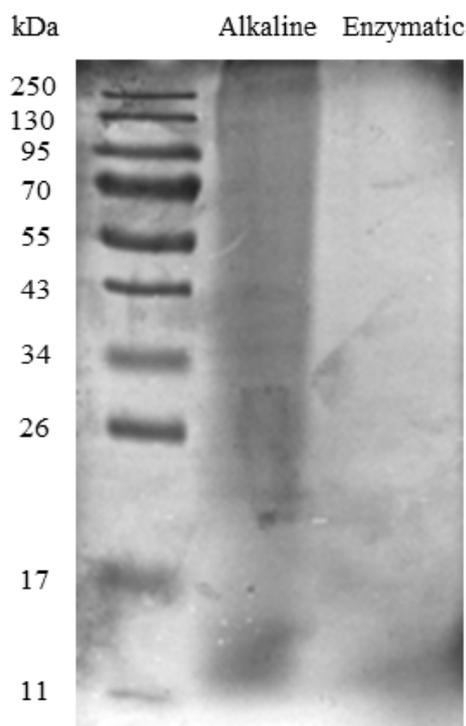


Figure S1. SDS-PAGE of the different extracts obtained by the sequential alkaline – enzymatic process, with separate extractions and non-controlled pH, using fresh biomass at a concentration of 100 mg ml⁻¹.

- [1] U.K. Laemmli, “Cleavage of structural proteins during the assembly of the head of bacteriophage T4.” *Nature*. 1970.